

[54] ACCOMMODATING INTRAOCULAR LENS
AND LENS SERIES AND METHOD OF LENS
SELECTION

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[58] Field of Search 623/6; 351/160, 161

[56] References Cited

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[57] ABSTRACT

This invention relates to an improved aspheric posterior
chamber intraocular lens and lens series of said novel
intraocular lens, which lens is used as a replacement
within the eye for the absent human crystalline lens, and
a simplified method of selecting a lens from said lens
series for use in a given eye. The novel lens of this
invention is designed to have a continuously and regu-
larly increasing refractive power from its axis peripher-
alward in its optically active area and to achieve the
following results: the correction of the axial refractive
error of the aphakic eye in which it is placed, and the
production of clear central vision over a continuous
range of distances from far to near, where far is defined
as six meters and beyond, and near or reading distance
is defined as generally 40 cm from the eye but may be as
close as 33 cm.

15 Claims, 9 Drawing Figures

